

Table Q.1. Schedule Summary of the Principal Requirements for Transport of Specified Types of Radioactive Material Consignments (*Principal requirements only - consult regulations for detailed provisions*)

Schedule No.	Schedule 0	Schedule 1	Schedule 2	Schedule 3	Schedule 4	Schedule 5	Schedule 6	Schedule 7	Schedule 8	Schedule 9	Schedule 10	Schedule 11		
Description	Small Quantities	Limited Quantities	Instruments and Articles	Articles from nat'l/ depleted Uranium/ Thorium	Empty Packages	LSA-I: Low specific activity	LSA-II: Low specific activity	LSA-III: Low specific activity	SCO-I/-II: Surface contaminated objects	Material in TYPE A packages	Material in TYPE B[x] packages	Fissile material		
UN Number(s)	N/A	2910				2912			2913	2975, 2976, 2978, 2979, 2980, 2981, 2982, 2974	2982, 2974	2918, 2977		
Specification of allowable contents (1)	Activities in fractions of A ₁ or A ₂			Natural U/ depleted U/ natural thorium	Non-fixed internal contamination: ≤ 400 Bq/cm ² B? ≤ 40 Bq/cm ² a	*Ores *U/Th concentrates, *Solid unir. U/Th or their solid/liq mix/compound, *Non-fissile mat'l w/ unlimited A ₂ , *Uniformly dist. mat'l ≤ 10 ⁻⁶ A ₂ /g	*Tritiated water w/ ≤ 0.8 Tbq/l, *Solids/gases w/ specific activity ≤ 10 ⁻⁴ A ₂ /g *Liquids w/ specific activity ≤ 10 ⁻⁵ A ₂ /g	*Uniformly dist. insoluble mat'l w/ specific act, ≤ 2 x 10 ⁻³ A ₂ /g	Contaminated objects w/ limits for fixed and non-fixed contamination on accessible and inaccessible surfaces between 0.4 Bq/cm ² and 8 x 10 ³ Bq/cm ²	Activities: ≤ A ₁ or ≤ A ₂	As specified in CA certificate of package specification	As specified in package specification		
	30 ml liquid 30 g solid or 1 g Div. 6.1													
Requirements on the contents	RL ≤ 0.1 mSv/h @ 10 cm from ext. surface of unpkg'd instrument/article		RL ≤ 0.1 mSv/h @ 10 cm from ext. surface of unpkg'd instrument/article	Accessible surface must be sheathed in inactive material			RL of unshielded contents ≤ 10 mSv/h at 3 m. Activity uniformly distributed				As specified in CA certificate/package specification	As specified in package specs/ ship. mode.		
Packaging (2)	Small quantity	Excepted Package				TYPE A Packaging IP-1 (5) IP-2 when liquid & not EU	TYPE A Packaging IP-2 when liquid & not EU	TYPE A Packaging IP-3 IP-2 under EU	TYPE A Packaging SCO-I: IP-1 (5) SCO-II: IP-2	TYPE A Packaging	TYPE B Packaging	6L, 6M (others) TYPE AF, B[x] as appropriate		
Max.RL per package	≤ 0.005 mSv/h at surface					≤ 2 mSv/h at surface and ≤ 0.1 mSv/h at 1 m. Under EU: ≤ 10 mSv/h at surface + Vehicle RL limits								
Contamination	≤ 0.4 Bq/cm ² B? ≤ 0.04 Bq/cm ² a					≤ 0.4 Bq/cm ² B? ≤ 0.04 Bq/cm ² a								
Mixed Loading						Classified Class 7 except: explosive mat'l-Class 1; organic peroxide-Division 5.2; and a material that meets the definition of wetted explosive-Division 4.1.								
Labeling	No labels required				"EMPTY." Old labels removed	White- I, Yellow-II, Yellow-III according to category + additional Dangerous Goods labels as required. "RQ" for hazardous material								
Marking of packages	"Radioactive" on inner packaging,	"Radioactive" on inner packaging	"Radioactive" on article/instrument			Gross weight if > 50 kg (110 pounds)								
						"Radioactive - LSA" if EU			"Radioactive - SCO" if EU	"TYPE A"	CA Ident. mark as appropriate			
											"TYPE B[x]" Radiation Trefoil	Marked according to package type		
Conveyance (3)						Placarding for Yellow III, exclusive use LSA/SCO, Hwy Rt. Controlled Qnty. "Corrosive" for some fissile, all UF6								
Transport documents (4)	Shipper's Certification per 173.4	Shipper's Certification per 173.421	Shipper's Certification per 173.424	Shipper's Certification per 173.426	Shipper's Certification per 173.428	Shipper's Certification, Shipping Papers, Emergency Procedures						CA ID as applicable	Controlled ship/CA cert. as applicable	
Storage and dispatch						Segregation from persons, photographic material, live animals and other DG							Mult Class 7 restricted if any TI>10 or total >50	
Shipment						Segregation from persons, photographic material, live animals and other DG								
							Max activity/conveyance: 100A ₂ for combustible solids/all liquids+gases						Controlled Shipmt. if TI>10	

NOTES:

- (1) If A1 values are used, the requirements regarding radioactive material in SF must be applied
- (2) For radioactive Material with additional risk, (e.g. UF6), additional packaging requirements may apply
- (3) Also valid for freight containers and tanks
- (4) Additional requirements for international shipments.
- (5) LSA-I and SCO-I may be transported unpacked under certain specific conditions combined with EU

KEY:

RL - Radiation Level
CA - Competent Authority
EU - Exclusive Use
DG - Dangerous Goods
SF - Special Form B[x] - B, B(m) or B(u)
TI - Transport Index